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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

10/787309**CLAIMS AS FILED - PART I**

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	*
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

OR

**OTHER THAN
SMALL ENTITY**

RATE	FEE
	\$
X \$	=
X \$	=
+ \$	=
TOTAL	

RATE	FEE
	\$
X \$	=
X \$	=
+ \$	=
TOTAL	

CLAIMS AS AMENDED - PART II6.2.05 (Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
		Minus		
Total (37 CFR 1.16(c))	<u>13</u>	Minus	<u>20</u>	=
Independent (37 CFR 1.16(b))	<u>1</u>	Minus	<u>3</u>	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

SMALL ENTITY

OR

**OTHER THAN
SMALL ENTITY**

RATE	ADDITIONAL FEE
X \$ <u>25</u>	=
X \$ <u>100</u>	=
+ \$ <u>160</u>	=
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$ <u>50</u>	=
X \$ <u>300</u>	=
+ \$ <u>360</u>	=
TOTAL ADD'L FEE	

2.27.06 (Column 1) (Column 2) (Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
		Minus		
Total (37 CFR 1.16(c))	<u>20</u>	Minus	<u>20</u>	=
Independent (37 CFR 1.16(b))	<u>3</u>	Minus	<u>3</u>	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDITIONAL FEE
X \$ <u>25</u>	=
X \$ <u>100</u>	=
+ \$ <u>160</u>	=
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$ <u>50</u>	=
X \$ <u>300</u>	=
+ \$ <u>360</u>	=
TOTAL ADD'L FEE	

(Column 1) (Column 2) (Column 3)

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
		Minus		
Total (37 CFR 1.16(c))		Minus		=
Independent (37 CFR 1.16(b))		Minus		=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))				

RATE	ADDITIONAL FEE
X \$ <u>25</u>	=
X \$ <u>100</u>	=
+ \$ <u>160</u>	=
TOTAL ADD'L FEE	

RATE	ADDITIONAL FEE
X \$ <u>50</u>	=
X \$ <u>300</u>	=
+ \$ <u>360</u>	=
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10787309

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	17	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	17 minus 20 =	*
INDEPENDENT CLAIMS	5 minus 3 =	2
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	385.00
XS 9=	
X43=	
+145=	
TOTAL	

RATE	FEE
BASIC FEE	770.00
XS18=	
X86=	172
+290=	
TOTAL	942

SMALL ENTITY OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number

10987309

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	17	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	17 minus 20 =	
INDEPENDENT CLAIMS	5 minus 3 =	2
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	385.00
XS 9=	
X43=	
+145=	
TOTAL	

RATE	FEE
BASIC FEE	770.00
XS18=	
X86=	172
+290=	
TOTAL	912

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	2/27/04	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR
Total	17	Minus	17
Independent	5	Minus	3
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR
Total		Minus	
Independent		Minus	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR
Total		Minus	
Independent		Minus	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE
XS 9=	
X43=	
+145=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
XS18=	
X86=	
+290=	
TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-676

Application or Patent Number
10/787309

CLAIMS AS FILED - PART I

FOR	NUMBER FILED (Column 1)	NUMBER EXTRA (Column 2)
BASIC FEE (37 CFR 1.18(a))		
TOTAL CLAIMS (37 CFR 1.18(c))	17 minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.18(b))	5 minus 3 =	2
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.18(d))		

* If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY

RATE	FEE
	\$
x \$	
x \$	
+ \$	
TOTAL	

OR

OTHER THAN SMALL ENTITY

RATE	FEE
	\$
x \$	
x \$	86
+ \$	
TOTAL	172

CLAIMS AS AMENDED - PART II

AMENDMENT A	2/27/04	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.14(c))	17	Minus	20	
Independent (37 CFR 1.14(b))	5	Minus	5	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				

SMALL ENTITY

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

AMENDMENT B	1/13/05	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.14(c))	17	Minus	20	
Independent (37 CFR 1.14(b))	5	Minus	5	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.14(c))		Minus		
Independent (37 CFR 1.14(b))		Minus		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
x \$	
x \$	
+ \$	
TOTAL ADD'L FEE	

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20"
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number 10/ 787309		
Substitute for Form PTO-875							
CLAIMS AS FILED - PART I							
(Column 1)		(Column 2)		SMALL ENTITY		OR	
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE		
BASIC FEE (37 CFR 1.18(a))					\$		
TOTAL CLAIMS (37 CFR 1.18(c))	minus 20 =			x \$		OR	
INDEPENDENT CLAIMS (37 CFR 1.18(d))	minus 3 =			x \$		OR	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.18(e))				+ \$		OR	
				TOTAL		OR	
				TOTAL		OR	
* If the difference in column 1 is less than zero, enter "0" in column 2.							
CLAIMS AS AMENDED - PART II							
(Column 1)		(Column 2)		SMALL ENTITY		OR	
6.2.05		(Column 3)		OTHER THAN SMALL ENTITY			
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
	Total (37 CFR 1.18(c))	13	20	x \$	25	x \$	50
	Independent (37 CFR 1.18(d))	1	3	x \$	100	x \$	200
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(e))			+ \$	180	+ \$	360
				TOTAL ADD'L FEE		TOTAL ADD'L FEE	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
	Total (37 CFR 1.18(c))	13	20	x \$	25	x \$	50
	Independent (37 CFR 1.18(d))	1	3	x \$	100	x \$	200
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(e))			+ \$	180	+ \$	360
				TOTAL ADD'L FEE		TOTAL ADD'L FEE	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
	Total (37 CFR 1.18(c))			x \$	25	x \$	50
	Independent (37 CFR 1.18(d))			x \$	100	x \$	200
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(e))			+ \$	180	+ \$	360
				TOTAL ADD'L FEE		TOTAL ADD'L FEE	
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" ON THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" ON THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>							

This collection of information is required by 37 CFR 1.18. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION FEE DETERMINATION RECORD					Application or Serial Number 10/ 787309	
Substitute for Form PTO-475						
CLAIMS AS FILED - PART I						
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE	RATE	FEE
BASE FEE (37 CFR 1.102)						
TOTAL CLAIMS (37 CFR 1.102)	column 2 =		\$ 25 =		\$ 25 =	
INDEPENDENT CLAIMS (37 CFR 1.102)	column 2 =		\$ 25 =		\$ 25 =	
MULTIPLE DEPENDENT CLAIMS PRESENT (37 CFR 1.102)			\$ 100 =		\$ 100 =	
			TOTAL		TOTAL	
* If the difference between column 1 is less than 200, enter "0" in column 2.						
CLAIMS AS AMENDED - PART II						
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
AMENDMENT A	6.2.05	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total (37 CFR 1.102)	13	Minus	20		\$ 25 =	
Independent (37 CFR 1.102)	1	Minus	3		\$ 25 =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS (37 CFR 1.102)				\$ 100 =		
				TOTAL ADD'L FEE		
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
AMENDMENT B	10/35	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total (37 CFR 1.102)	13	Minus	20		\$ 25 =	
Independent (37 CFR 1.102)	1	Minus	3		\$ 25 =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS (37 CFR 1.102)				\$ 100 =		
				TOTAL ADD'L FEE		
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
AMENDMENT C	RCE	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total (37 CFR 1.102)	13	Minus	20		\$ 25 =	
Independent (37 CFR 1.102)	1	Minus	3		\$ 25 =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS (37 CFR 1.102)				\$ 100 =		
				TOTAL ADD'L FEE		

* If the entry in column 1 is less than the entry in column 2, enter "0" in column 3.
 ** If the "Highest Number Previously Paid For" in THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" in THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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If you need assistance in completing the form, call 1-800-PTO-0123 and select option 2



Docket No. 249466US0DIV
IN RE APPLICATION OF: Masataka MOCHIZUKI, et al.
SERIAL NO: 10/787,309
FILED: February 27, 2004
FOR: HEAT RADIATING STRUCTURE FOR ELECTRONIC DEVICE

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	20	MINUS	20	0	x \$50 =	\$0.00
INDEPENDENT	3	MINUS	3	0	x \$200 =	\$0.00
APPLICATION SIZE		MINUS	100	0 (each addtl. 50 sheets)	x \$250 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.
☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon


Thomas M. Cunningham
Registration No. 45,394

Customer Number

22850

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(OSMMN 05/03)